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INDEX TO AMERICAN BOTANICAL LITERATURE

(1910)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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Anderson, J. R. Plants injured by creosote. *Ottawa Nat.* **24**: 128. 15 O 1910.

Andrews, F. M. A list of algae. (Chiefly from Monroe County, Indiana.) *Proc. Indiana Acad. Sci.* **1909**: 375-380. 1910.

Andrews, F. M. Development of the embryo-sac of *Hybanthus concolor*. *Bull. Torrey Club* **37**: 477, 478. f. 1-8. 5 O 1910.

Andrews, F. M. Some monstrosities in plants. *Proc. Indiana Acad. Sci.* **1909**: 373, 374. 1910.

Andrews, F. M. Twin hybrids (*laeta* and *velutina*) and their anatomical distinctions. *Bot. Gaz.* **50**: 193-201. 21 S 1910.

Appleman, C. O. Some observations on catalase. *Bot. Gaz.* **50**: 182-192. f. 1. 21 S 1910.

Arthur, J. C. Cultures of *Uredineae* in 1909. *Mycologia* **2**: 213-240. 23 S 1910.

Arthur, J. C. Right and wrong conceptions of plant rusts. *Proc. Indiana Acad. Sci.* **1909**: 383-390. 1910.

Bailey, W. W. *Parnassia*. *Am. Bot.* **16**: 69. O 1910.

Benedict, R. C. Fern leaves, ferns and fern allies. *Am. Fern Jour.* **1**: 9-12. Au 1910.

- Berry, E. W.** A cretaceous *Lycopodium*. Am. Jour. Sci. IV. 30: 275, 276. f. 1-6. O 1910.
- Berry, E. W.** An Eocene flora in Georgia and the indicated physical conditions. Bot. Gaz. 50: 202-208. f. 1, 2. 21 S 1910.
- Berry, E. W.** The epidermal characters of *Frenelopsis ramosissima*. Bot. Gaz. 50: 305-309. f. 1, 2. 15 O 1910.
- Bitting, K. G.** The effect of preservatives on the development of *Penicillium*. Proc. Indiana Acad. Sci. 1909: 391-416. f. 1-24. 1910.
- Brown, N. E.** *Kalmia cuneata*. Curt. Bot. Mag. IV. 6: pl. 8319. Je 1910.
- Chamberlain, C. J.** Nuclear phenomena of sexual reproduction in Gymnosperms. Am. Nat. 44: 595-603. O 1910.
- [Clute, W. N.]** Rare forms of fernworts—XV. Young cliff brakes. Fern Bull. 18: 79, 80. Jl 1910. [Illust.]
- Coker, W. C.** A new host and station for *Exoascus filicinus* (Rostr.) Sacc. Mycologia 2: 247. 23 S 1910.
- Cook, M. T.** The development of insect galls as illustrated by the genus *Amphibolips*. Proc. Indiana Acad. Sci. 1909: 363-367. 1910.
- Coulter, J. M.** Recent progress in botany. Proc. Indiana Acad. Sci. 1909: 101-105. 1910.
- Davis, W. T.** Notes on Staten Island plants. Proc. Staten Island Assoc. Arts & Sci. 2: 161, 162. 18 Au 1910.
- Davis, W. T.** Note on the chestnut fungus. Proc. Staten Island Assoc. Arts & Sci. 2: 128, 129. 18 Au 1910.
- Deam, C. C.** Additions to Indiana state flora—4. Proc. Indiana Acad. Sci. 1909: 381, 382. 1910.
- Derr, H. B.** A new awnless barley. Science II. 32: 473, 474. 7 O 1910. [Illust.]
- Dowell, P.** Notes on some ferns found during 1909. Am. Fern Jour. 1: 12-14. Au 1910.
- East, E. M.** The rôle of hybridization in plant breeding. Pop. Sci. Mo. 77: 342-355. f. I-II. O 1910.
- Eikenberry, W. L.** An atmograph. Bot. Gaz. 50: 214-218. f. 1-4. 21 S 1910.
- Elmer, A. D. E.** A decade of new plants. Leaflets Philippine Bot. 2: 677-688. 8 Au 1810.
- Elmer, A. D. E.** A new genus and new species of *Leguminosae*. Leaflets Philippine Bot. 2: 689-701. 31 Au 1910.

- Elmer, A. D. E.** *Myrsinaceae* from Mount Apo. Leaflets Philippine Bot. 2: 659-675. 5 Au 1910.
- Farlow, W. G., & Atkinson, G. F.** The botanical congress at Brussels. Bot. Gaz. 50: 220-225. 21 S 1910.
- Farwell, O. A.** Other editions of Emory's Report, 1848. Bull. Torrey Club 37: 479-480. 5 O 1910.
- Fawcett, H. S.** *Cladosporium Citri* Mass. and *C. elegans* Penz. confused. Mycologia 2: 245-246. 23 S 1910.
- Fernald, M. L.** Notes from the phaenogamic herbarium of the New England Botanical Club—I. Rhodora 12: 185-192. 17 O 1910.
- Frye, T. C.** The *Polytrichaceae* of western North America. Proc. Washington Acad. Sci. 22: 271-382. f. 1-30. 15 Au 1910.
- [**Gibson, H. H.**] American forest trees—84. Shingle oak. *Quercus imbricaria* Michx. Hardwood Record 29¹¹: 23. 25 Mr 1910. [Illust.]
- [**Gibson, H. H.**] American forest trees—86. Spanish oak. *Quercus digitata* Marsh. Hardwood Record 30⁴: 23, 24. 10 Je 1910. [Illust.]
- [**Gibson, H. H.**] American forest trees—87. Southern red oak. *Quercus texana* Buckl. Hardwood Record 30⁵: 23, 24. 25 Je 1910. [Illust.]
- Graenicher, S.** The bee-flies (*Bombyliidae*) in their relation to flowers. Bull. Wisconsin Nat. Hist. Soc. 8: 91-101. 6 O 1910.
- Graves, A. H.** Woody plants of Brooklin, Maine. Rhodora 12: 173-184. 17 O 1910.
- Greene, E. L.** Some southwestern mulberries. Leaflets 2: 112-120. 6 O 1910.
- Groh, H.** Preliminary list of the *Crataegi* of the Ottawa district. Ottawa Nat. 24: 126-128. 15 O 1910.
- Gürke, M.** *Echinocereus paucispinus* (Engelm.) Ruml. Monats. Kakteenk. 20: 141. 15 S 1910.
- Gürke, M.** *Opuntia Salmiana* Parm. Monats. Kakteenk. 20: 109, 110. 15 Jl 1910.
- Gussow, H. T.** Plant physiology versus psychology. Ottawa Nat. 24: 113-116. 15 O 1910.
- Hawkins, L. A.** The porous clay cup for the automatic watering of plants. Plant World 13: 220-227. f. 1-3. S 1910.
- Heald, F. D., & Wolf, F. A.** The whitening of the mountain cedar, *Sabina sabinooides* (H.B.K.) Small. Mycologia 2: 205-212. pl. 31 + f. 1-3. 23 S 1910.
Cyanospora Albicedrae gen. et sp. nov.

- Herre, A. C.** Suggestions as to the origin of California's lichen flora. *Plant World* **13**: 215-220. S 1910.
- Herriot, W.** The *Compositae* of Galt, Ont., and vicinity. *Ontario Nat. Sci. Bull.* **6**: 55-64. 1910.
- Hollick, A.** A maple tree fungus. *Proc. Staten Island Assoc. Arts & Sci.* **2**: 190-192. 16 S 1910.
- Hollick, A.** Recently introduced grasses and sedges. *Proc. Staten Island Assoc. Arts & Sci.* **2**: 189. 16 S 1910.
- Hollick, A.** The chestnut disease on Staten Island. *Proc. Staten Island Assoc. Arts & Sci.* **2**: 125-127. 18 Au 1910.
- Hopkins, L. S.** Notes on the botrychia. *Am. Fern Jour.* **1**: 3-6. *pl. 1*. Au 1910.
- House, H. D.** Notes on a collection of plants from western North Carolina. *Muhlenbergia* **6**: 73-75. 30 S 1910.
- Kennedy, P. B.** Getting acquainted with *Anulocaulis leiosolenus*. *Muhlenbergia* **6**: 75, 76. 30 S 1910. [Illust.]
- Kern, F. D.** Further notes on timothy rust. *Proc. Indiana Acad. Sci.* 1909: 417, 418. 1910.
- Klugh, A. B.** Notes on the flora of the Nerepis Marsh, New Brunswick. *Ottawa Nat.* **24**: 121, 122. 15 O 1910.
- Kraemer, H.** The histology of the rhizome and roots of *Phlox ovata* L. (*Phlox carolina* L.) *Am. Jour. Pharm.* **82**: 470-475. O 1910. [Illust.]
- Kuntze, R. E.** *Echinocactus polyancistrus* Engelm. et Bigelow. *Monats. Kakteenk.* **20**: 130-134. 15 S 1910. [Illust.]
- Lewton, F. L.** *Cienfuegosia Drummondii*, a rare Texas plant. *Bull. Torrey Club* **37**: 473-475. 5 O 1910.
- Livingston, B. E.** Relation of soil moisture to desert vegetation. *Bot. Gaz.* **50**: 241-256. *f. 1-4*. 15 O 1910.
- MacDougal, D. T.** The making of parasites. *Plant World* **13**: 207-214. S 1910.
- Marshall, M. A.** *Lycopodium inundatum* in the White Mountains. *Am. Fern Jour.* **1**: 15. Au 1910.
- Merrill, H. W.** *Polypodium vulgare* in Maine. *Am. Fern Jour.* **1**: 7-9. Au 1910.
- Meyer, R.** *Echinocactus Poselgerianus* Dietr. *Monats. Kakteenk.* **20**: 135-138. 15 S 1910.
- Mitchell, F.** Notes on local orchids. *Ontario Nat. Sci. Bull.* **6**: 49-51. 1910.

- Mitchell, F.** Plant immigrants of 1909. Ontario Nat. Sci. Bull. **6**: 66. 1910.
- Morris, F. J. A.** Orchids of Ontario. Ontario Nat. Sci. Bull. **6**: 7-33. 1910.
- Mottier, D. M.** Notes on the sex of the gametophyte of *Onoclea Struthiopteris*. Bot. Gaz. **50**: 209-213. 21 S 1910.
- Mottier, D. M.** Nuclear phenomena of sexual reproduction in angiosperms. Am. Nat. **44**: 604-623. O 1910.
- Palmer, T. C.** A new diatom. Proc. Philadelphia Acad. Nat. Sci. **62**: 460-463. pl. 35. S 1910.
Navicula socialis Palmer.
- Penhallow, D. P.** The relation of paleobotany to phylogeny. [In The paleontologic record.] Pop. Sci. Mo. **77**: 333-338. O 1910.
- Pennington, L. H.** The effect of longitudinal compression upon the production of mechanical tissue in stems. Bot. Gaz. **50**: 257-284. f. 1, 2. 15 O 1910.
- Phillips, F. J.** Teratology of the banana. Plant World **13**: 227-229. f. 4, 5. S 1910.
- Power, F. B., & Rogerson, H.** Chemical examination of the tuberous root of *Ipomoea Horsfalliae* Hooker. Am. Jour. Pharm. **82**: 355-360. Au 1910. [Illustr.]
- Quehl, L.** *Echinocactus uncinatus* Gal. var. *Wrightii* Engelm. Monats. Kakteenk. **20**: 104, 105. 15 Jl 1910. [Illustr.]
- Quehl, L.** *Mamillaria Emskötteriana* Quehl, n. sp. Monats. Kakteenk. **20**: 139, 140. 15 S 1910.
- Quehl, L.** *Mamillaria Bödekeriana* Quehl, n. sp. Monats. Kakteenk. **20**: 108, 109. 15 Jl 1910. [Illustr.]
- Riddle, L. W.** The North American species of *Stereocaulon*. Bot. Gaz. **50**: 285-304. f. 1-9. 15 O 1910.
- Rydberg, P. A.** Studies on the Rocky Mountain flora—XXIII. Bull. Torrey Club **37**: 443-471. 5 O 1910.
- Schlechter, R.** *Orchidaceae novae et criticae*. Repert. Nov. Spec. **8**: 453-458. 10 S 1910.
7 new American species described.
- South, F. W.** The control of scale insects in the British West Indies by means of fungoid parasites. West Ind. Bull. **11**: 1-30. 1910. [Illustr.]

Wheeler, L. A. Some rare Vermont plants. *Am. Bot.* **16**: 65-68. O 1910.

Wolff, H. *Eryngia nova americana* duo. *Repert. Nov. Spec.* **8**: 414, 415.
10 Au 1910.

E. Ekmanii from Argentina and *E. Harmsianum* from California.

Wolff, H. *Umbelliferae* [In *Mexikanische und zentralamerikanische*
Novitäten. II.] *Repert. Nov. Spec.* **8**: 306-308. 1 Je 1910.

Young, M. S. The morphology of the *Podocarpaceae*. *Bot. Gaz.* **50**:
81-100. *pl.* 4-6. 18 Au 1910.